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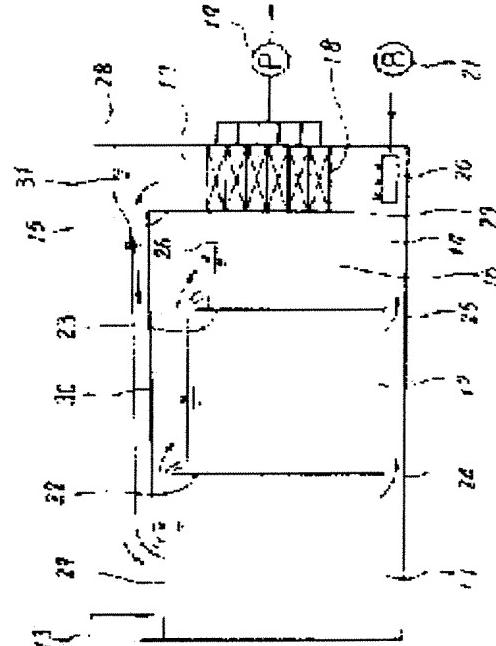
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## (54) TREATING EQUIPMENT OF DISCHARGED WATER CONTAINING NITROGEN

### (57)Abstract:

**PURPOSE:** To reduce running cost and to miniaturize the title equipment by providing both an air-nonpermeable or air-permeable anaerobic treatment tank and an aerobic treatment tank which is comparted into an activated sludge treating part and a filter part in the downstream side thereof to a discharged water treating installation.

**CONSTITUTION:** While discharged water supplied from a supply path 13 is sent to an anaerobic treatment tank 11, an anaerobic treatment tank 12 and an aerobic treatment tank 14 in order, it is nitrified and denitrified. In the aerobic treatment tank 14, the liquid 26 to be treated is introduced into an activated sludge treating part 16 from the anaerobic treatment tank 12 and treated in presence of air supplied through an air diffuser pipe 20 from a blower 21. Then the said liquid 26 is introduced into a filter treating part 17 through the opening 27 of a base part. In the filter treating part 17, an upflow is generated by the air blown out from the air diffuser pipe 20. The liquid 26 to be treated is ridden on the upflow and passed through the membrane part of a membrane module 18 and separated into condensate and filtrate.



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